



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

WinDoor, Inc.
7500 Amsterdam Drive
Orlando, FL 32832

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "V-600/V-630 Single and Integral Mulled" White PVC Outswing Casement Window - LMI.

APPROVAL DOCUMENT: Drawing No. 08-01122, titled "Series V-600/V-630 White PVC Single and Integral Mulled OS Casement Windows - LMI", sheets 1 through 9 of 9, dated 10/20/10, with revision A dated 02/14/11, prepared by manufacturer, signed and sealed by Luis R. Lomas, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # 10-1223.03 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
7/31/12

NOA No. 12-0130.25
Expiration Date: May 12, 2016
Approval Date: April 05, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **08-01122**, Sheets 1 thru 9 of 9, titled "Series V-600/V-630 White PVC Single and Integral Mulled OS Casement Windows - LMI", dated 10/20/10, w/ rev.A, dated 02/14/11, prepared by manufacturer, signed and sealed by Luis R. Lomas, P. E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of series V-630 vinyl outswing casement window, prepared by National Certified Testing Laboratories, Test Reports No. **NCTL-210-3675-1 & NCTL-210-3675-3**, dated 07/23-07/30/10, both signed and sealed by Gerard J. Ferrara, P. E. (*Submitted under NOA#10-1223.03*)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 10/20/10, prepared, signed and sealed by Luis R. Lomas, P. E.
2. Glazing complies with ASTM E1300-04. (*Submitted under NOA#10-1223.03*)

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

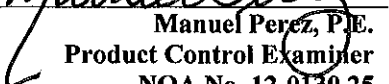
1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **08-0620.10** issued to **VEKA, Inc.** for "**PVC Extrusion for Assembled Doors & Windows**" dated 08/07/08, expiring on 03/04/12.

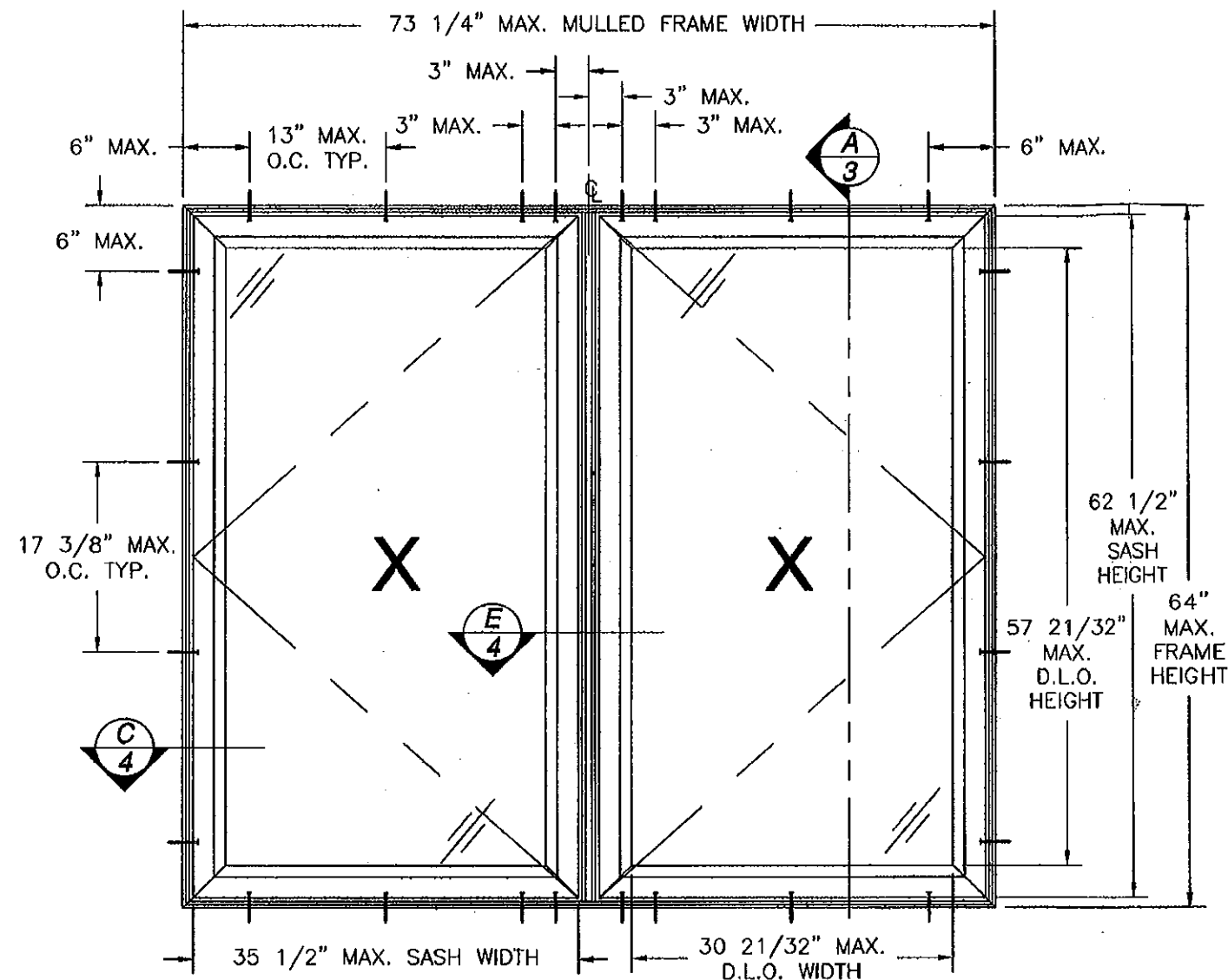
F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated January 19, 2012, signed and sealed by Luis R. Lomas, P.E.
2. Laboratory compliance letter for Test Reports No. **NCTL-210-3675-1 & NCTL-210-3675-3**, issued by National Certified Testing Laboratories, dated 08/12/10, both signed and sealed by Gerard J. Ferrara, P. E. (*Submitted under NOA#10-1223.03*)

G. OTHER

1. Notice of Acceptance No. **10-1223.03**, issued to WinDoor, Inc. for their Series "V-600/V-630 Single and Integral Mulled" White PVC OS Casement Window - L.M.I., approved on 05/12/11 and expiring on 05/12/16.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0130.25
Expiration Date: May 12, 2016
Approval Date: April 05, 2012



SERIES V-600/V-630 WHITE PVC INTEGRAL MULLED TWIN CASEMENT WINDOW
 XX UNIT SHOWN, OX AND XO UNITS ARE APPROVED AS LONG AS INDIVIDUAL UNITS DO NOT EXCEED
 SIZES SHOWN HEREIN
 EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±70PSF	LARGE MISSILE IMPACT

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1 - 2	ELEVATION, ANCHORING LAYOUT AND NOTES
3	BILL OF MATERIALS AND CROSS SECTIONS
4	CROSS SECTIONS, CORNER AND GLAZING DETAILS
5 - 7	INSTALLATION DETAILS
8	COMPONENTS
9	HARDWARE LAYOUT

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 12-0130.25
 Expiration Date 12/12/16
 By *M. D. [Signature]*
 Miami Dade Product Control

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
- 2) WOOD FRAMING, 2X BACKED STEEL FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3) 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SEPARATION OF DISSIMILAR MATERIALS IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 4) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 5) FRAME MATERIAL: WHITE EXTRUDED RIGID PVC.071" THICK.
SASH MATERIAL: WHITE EXTRUDED RIGID PVC.075" THICK.
- 6) UNITS MUST BE GLAZED PER ASTM E1300. SEE SHEET 4 FOR GLAZING DETAIL.
- 7) APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 8) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
- 9) FOR ANCHORING INTO MASONRY USE 3/16" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 5/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 10) FOR ANCHORING INTO 2X WOOD FRAMING, 2X BUCK OR 2X BACKED 20GA. STEEL FRAMING USE #10 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 11) ALL FASTENERS TO BE CORROSION RESISTANT.
- 12) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192PSI.
 C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 D. STEEL FRAMING: 2X BACKED 20GA. (.036" MIN.) STEEL FRAMING.
- 13) APPROVED CONFIGURATIONS: X, OX, XO, XX, XOX, OXO, XXO, OXX, XXX. ALL APPROVED CONFIGURATIONS MAYBE LEFT HAND OR RIGHT HAND OPERABLE.
- 14) SERIES V-600 IS OPERABLE CASEMENT AND SERIES V-630 IS FIXED CASEMENT. SEE CROSS SECTIONS SHEETS 3 AND 4.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE CO. LETTER DATED 1/25/2011	02/14/11	R.L.

Approved as complying with the
 Florida Building Code
 Date 05/13/2011
 NOAH 18-1223.03
 Miami Dade Product Control
 By *[Signature]*

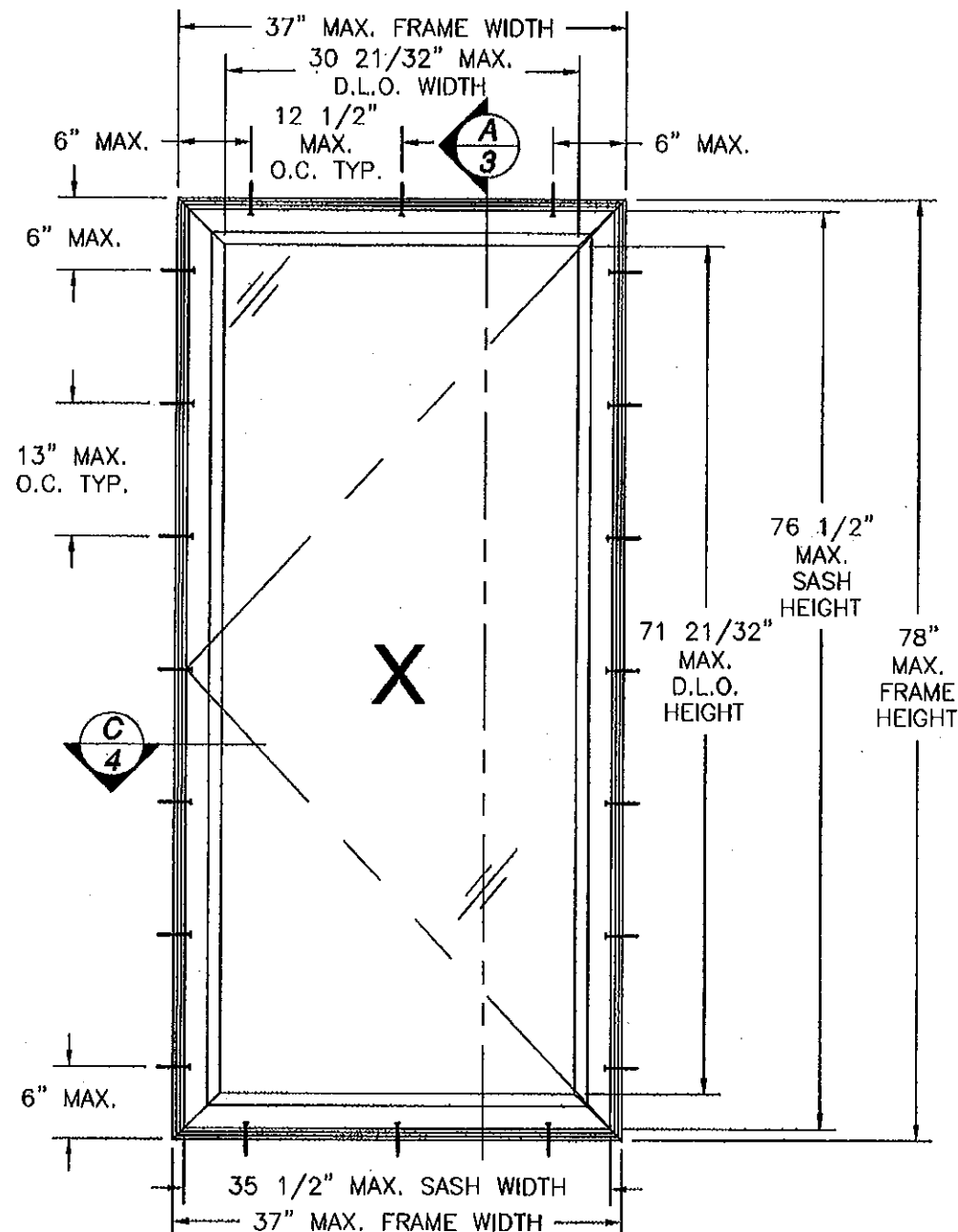
WinDoor
 INCORPORATED

7500 AMSTERDAM DRIVE
 ORLANDO, FL 32832
 Phone: 407.481.8400
 Fax: 407.481.0505
 www.windoorinc.com

SERIES V-600/V-630 WHITE PVC SINGLE AND
 INTEGRAL MULLED OS CASEMENT WINDOWS - LMI
 ELEVATION, ANCHORING LAYOUT AND NOTES

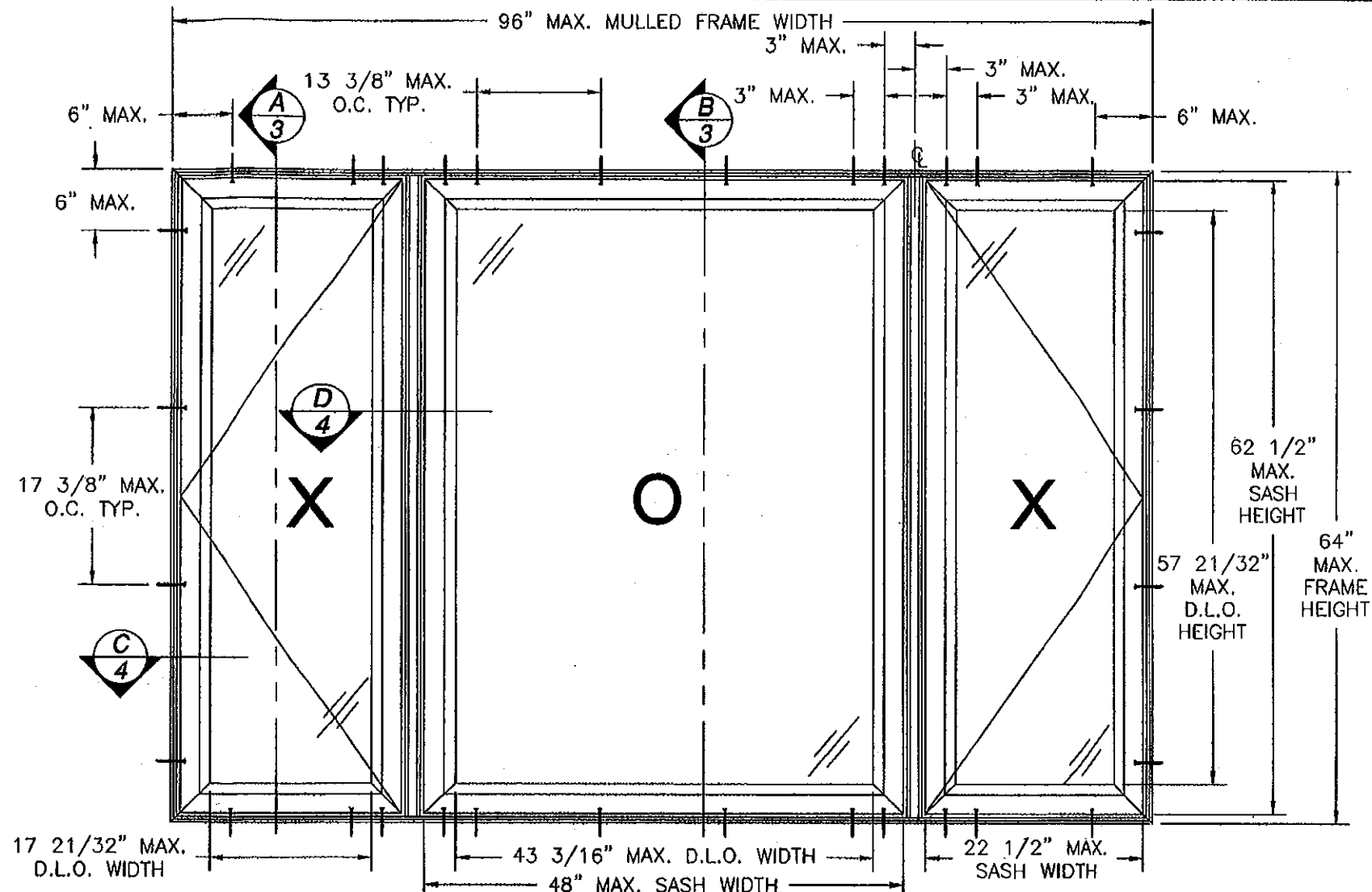
DRAWN: TJH
 DWG NO. 08-01122
 REV A
 SCALE NTS
 DATE 10/20/10
 SHEET 1 OF 9

[Signature]
 3/8/11
 Luls R. Lomds P.E.
 Florida No. 62514



SERIES V-600 WHITE PVC SINGLE CASEMENT WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
+80.0 PSF -130.0 PSF	LARGE MISSILE IMPACT



SERIES V-600/V-630 WHITE PVC INTEGRAL MULLED TRIPLE CASEMENT WINDOW

XOX, SHOWN, XXO, OXX, OXO AND XXX ARE APPROVED. INDIVIDUAL OPERABLE SASH IN ALL APPROVED CONFIGURATIONS SHALL NOT EXCEED 22 1/2" x 62 1/2"

DESIGN PRESSURE RATING	IMPACT RATING
+70.0 PSF -80.0 PSF	LARGE MISSILE IMPACT

EXTERIOR VIEW

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0130.25
Expiration Date May 12, 2016
By *Maurice Perez*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 05/12/2011
NOAH 10-1223.03
Miami Dade Product Control
By *[Signature]*

WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
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www.windoorinc.com

SERIES V-600/V-630 WHITE PVC SINGLE AND INTEGRAL MULLED OS CASEMENT WINDOWS - LMI ELEVATIONS AND ANCHORING LAYOUTS

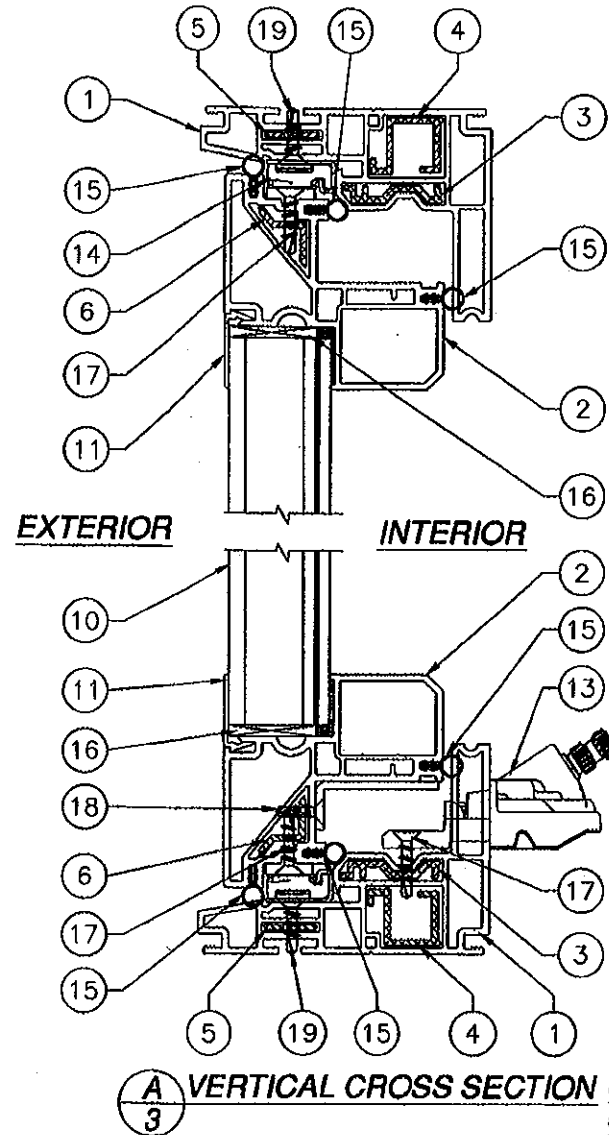
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SCALE NTS	DATE 10/20/10	SHEET 2 OF 9

[Signature]
Luis R. Doming P.E.
Florida No. 62514

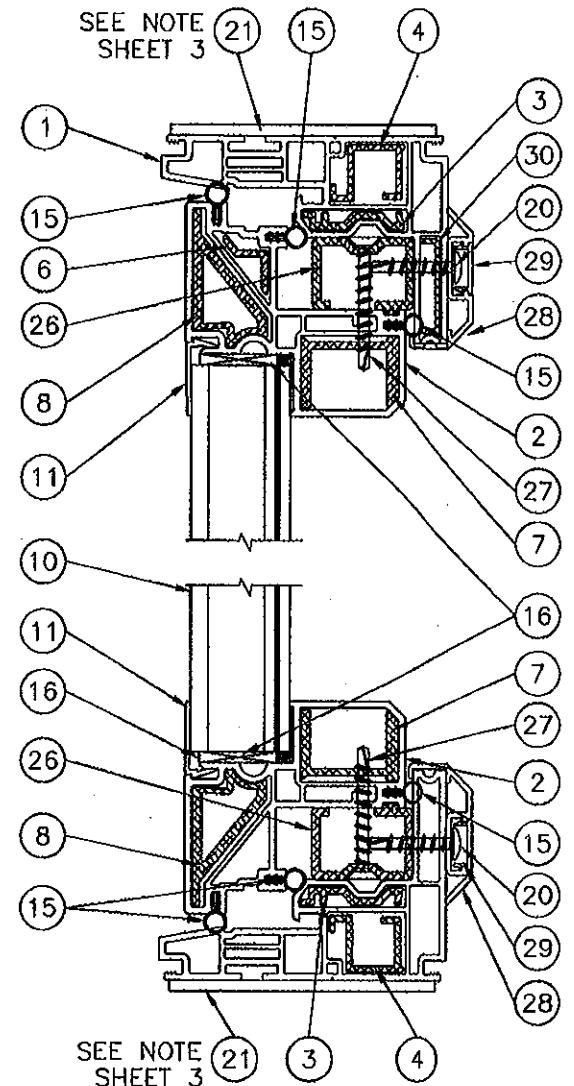
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE CO. LETTER DATED 1/25/2011	02/14/11	R.L.

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	101.214	FRAME, HEAD, SILL AND JAMB	VEKA	RIGID WHITE PVC
2	101.214	PANEL FRAME, STILE AND RAIL	VEKA	RIGID WHITE PVC
3	FS-05688	FRAME UPPER SCREW RECEIVER	KEYMARK	ALUMINUM 6063-T6
4	FS-05689	FRAME LOWER SCREW RECEIVER	KEYMARK	ALUMINUM 6063-T6
5	FS-05690	FRAME SCREW BACKER	KEYMARK	ALUMINUM 6063-T6
6	FS-05691	TRACK & SNUBBER SCREW RECEIVER	KEYMARK	ALUMINUM 6063-T6
7	FS-05692	VENT INT. SCREW RECEIVER & REBAR	KEYMARK	ALUMINUM 6063-T6
8	FS-05693	VENT EXTERIOR REBAR	KEYMARK	ALUMINUM 6063-T6
9	20008	VENT SNUBBER	TRUTH HARDWARE	
10		LARGE MISSILE GLAZING		
11	V60X-AC-13	1 1/8" GLAZING BEAD	MOR-X	RIGID WHITE PVC
12	24.33	MULTI-POINT LOCK AND KEEPER SET	TRUTH HARDWARE	
13	50.00/50.50	OPERATOR AND BRACKET	TRUTH HARDWARE	
14	14.97.00	SLIDE HINGE	TRUTH HARDWARE	
15	AP-425	KERF APTUS VENT BULB SEAL	SCHLEGAL	PLASTIC
16		1/8" x 1 1/16" x 2" SET BLOCK	FRANK LOWE	NEOPRENE D-60
17		#8 x 3/4" FH SELF DRILLING SCREW		STAINLESS STEEL
18		#8 x 1/2" FH SELF DRILLING SCREW		STAINLESS STEEL
19		#8 x 5/8" FH SELF DRILLING SCREW		STAINLESS STEEL
20		#10 x 1" PH SELF DRILLING SCREW		STAINLESS STEEL
21		1/8" THICK PLATE		ALUMINUM 6063-T6
22	SIKAFLEX 552	GLAZING COMPOUND	SIKA	URETHANE
23		SEALANT		SILICONE
24	CA310	T-MULL	VEKA	RIGID WHITE PVC
25	FH-05695	T-MULLION REINFORCEMENT	KEYMARK	ALUMINUM 6063-T6
26	FS-05696	F-LITE SPACER & SCREW RECEIVER	KEYMARK	ALUMINUM 6063-T6
27		#10 x 1 3/4" FH S-DRILLING SCREW		STAINLESS STEEL
28	V60X-AC-15	F-VENT ATTACHMENT SCREW COVER	MOR-X	RIGID WHITE PVC
29	AC82	FIXED VENT SCREW COVER CAP	VEKA	RIGID WHITE PVC
30	FS-05694	F-VENT ATTACH SCREW BACKUP	KEYMARK	ALUMINUM 6063-T6
31		#10 x 2" FH SELF DRILLING SCREW		STAINLESS STEEL

NOTE:
ITEM #21 IS ONLY AT THE MULLION AND IS A SCREW
BACKUP PLATE. IT DOES NOT RUN FULL LENGTH OF
HEAD AND SILL.



A VERTICAL CROSS SECTION



B VERTICAL CROSS SECTION

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0130.25
Expiration Date MAY 12, 2016
By *Mamuel P. [Signature]*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 08/12/2011
NOA# 18-1223.03
By *[Signature]*
Miami Dade Product Control

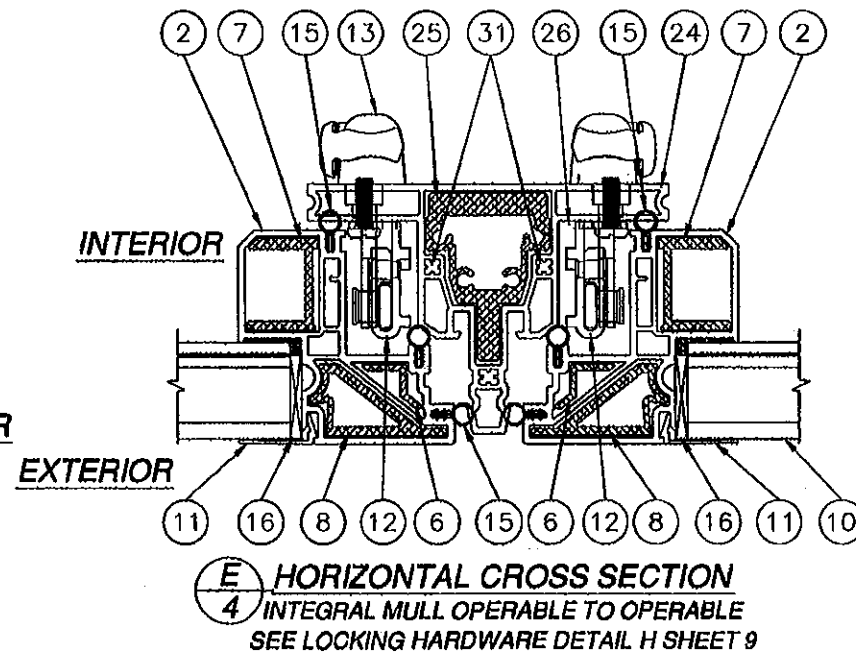
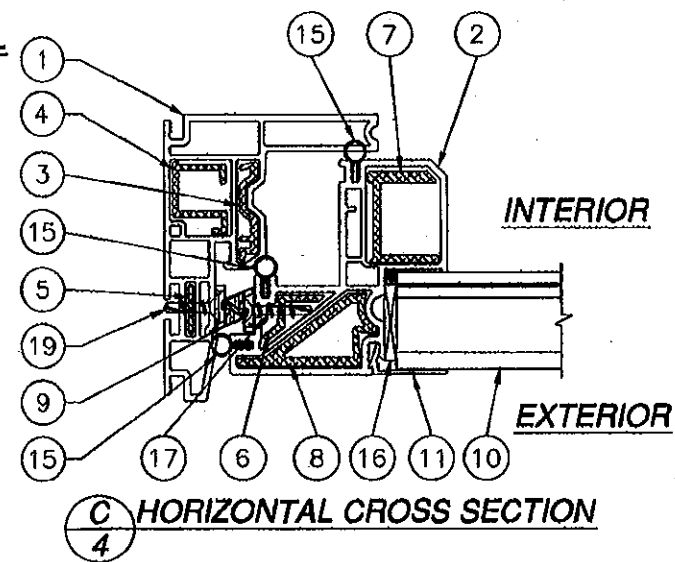
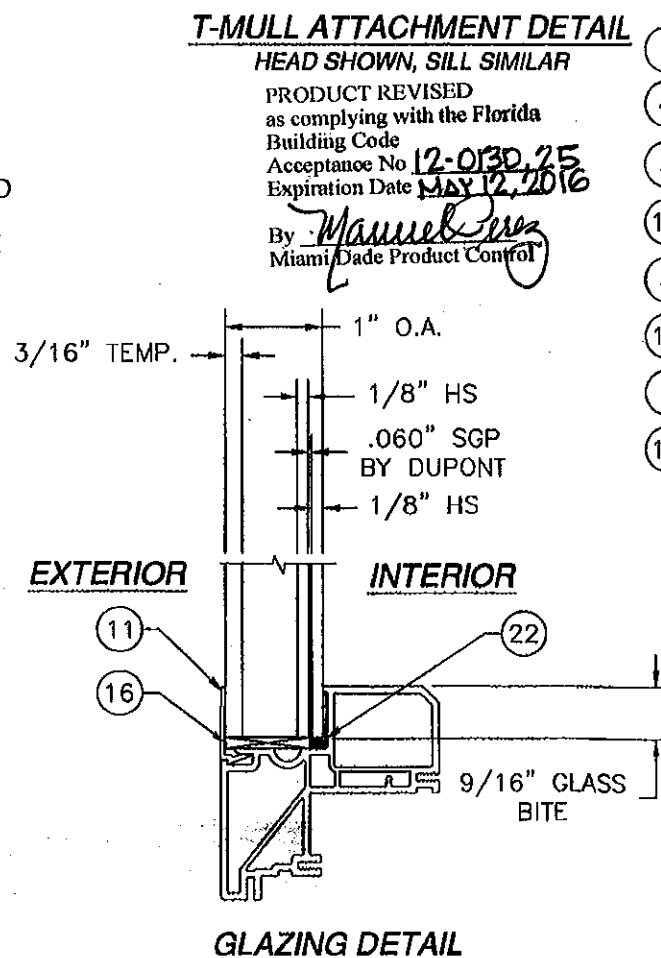
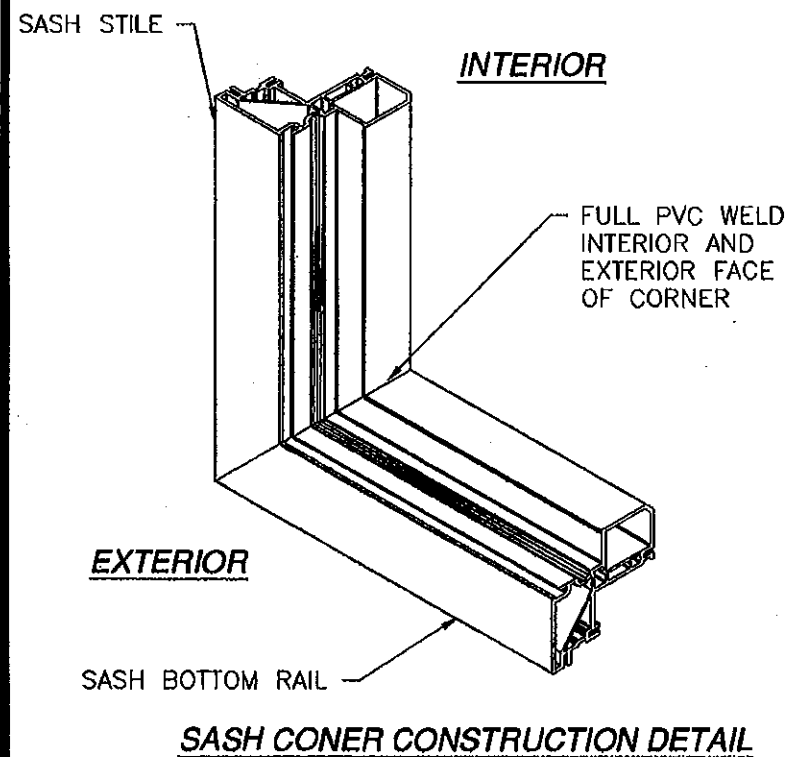
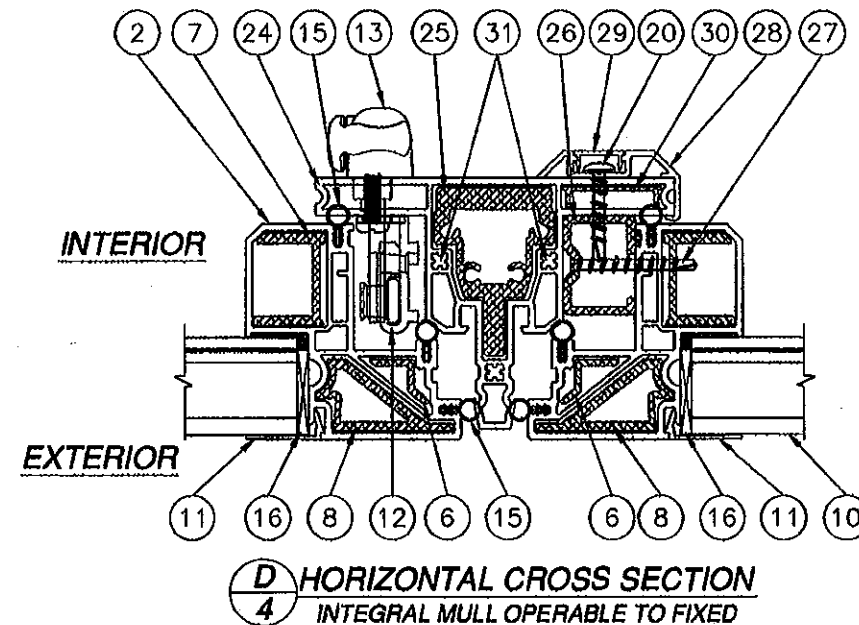
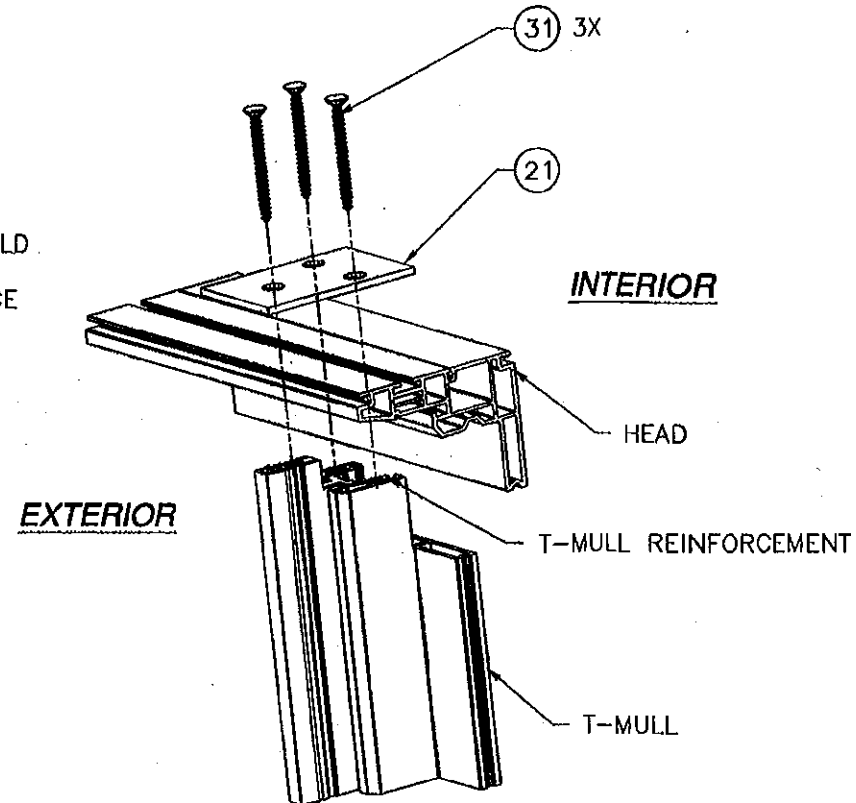
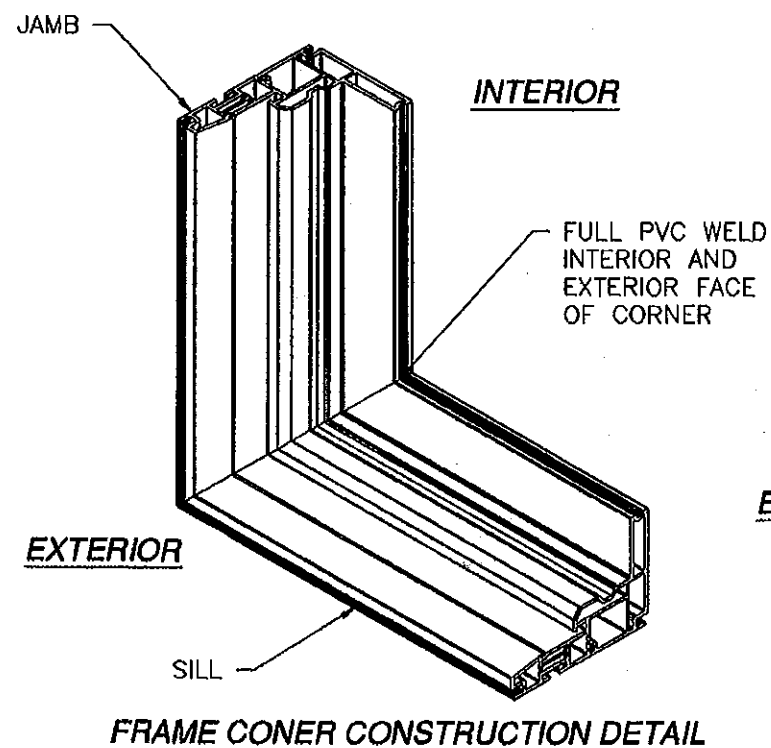
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www.windoorinc.com

SERIES V-600/V-630 WHITE PVC SINGLE AND
INTEGRAL MULLED OS CASEMENT WINDOWS - LMI
BILL OF MATERIALS AND CROSS SECTIONS

DRAWN: TJH DWG NO. 08-01122 REV A
SCALE NTS DATE 10/20/10 SHEET 3 OF 9

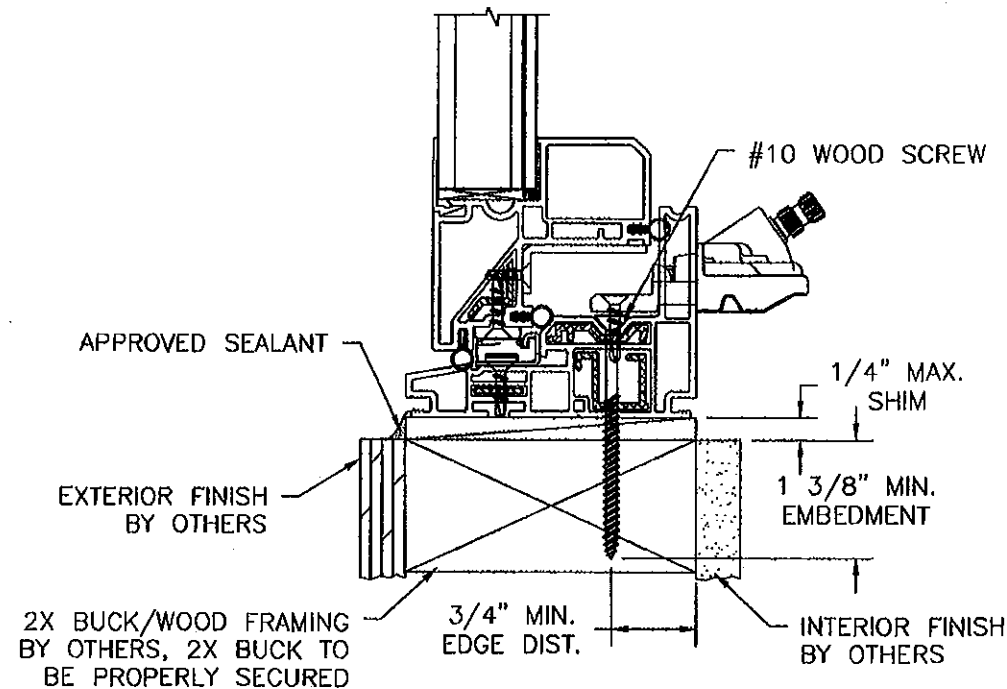
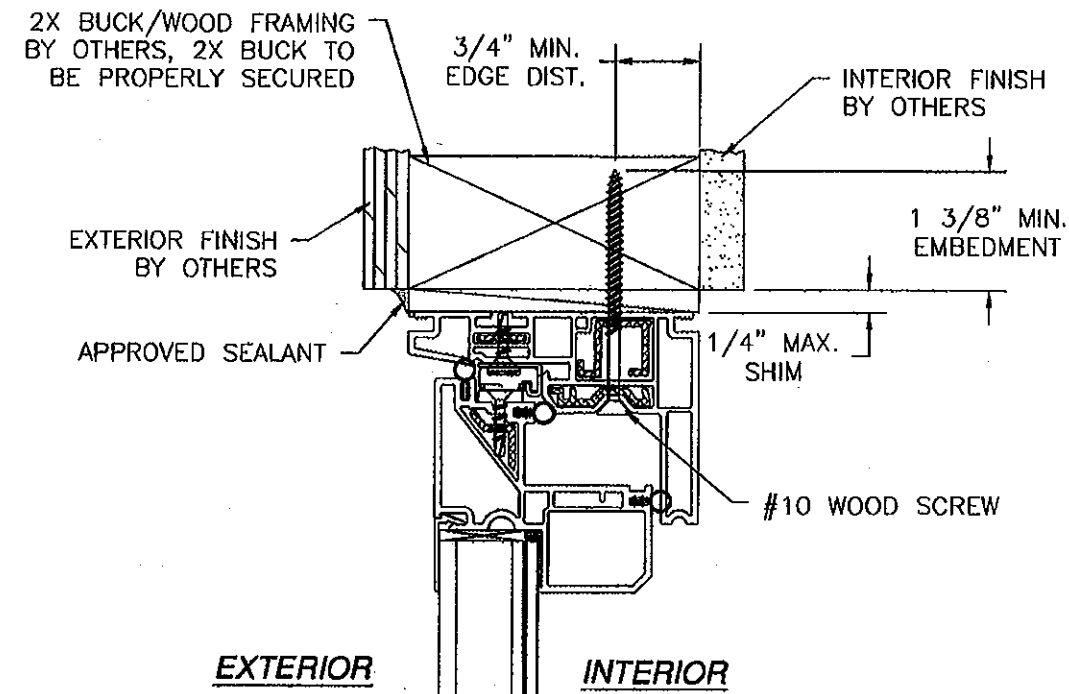
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Luis R. Lomas P.E.
Florida No. 62514



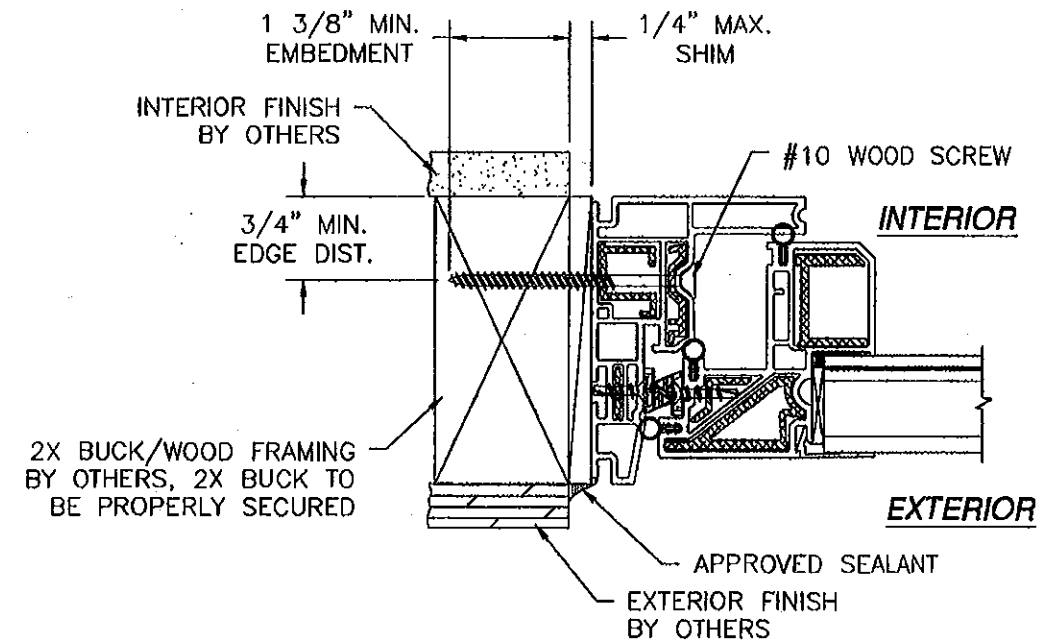
Approved as complying with the Florida Building Code Date 08/12/2011 NOA# 18-1223.03 Miami Dade Product Control By <i>[Signature]</i>		WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone 407.481.8400 Fax 407.481.0505 www.windoorinc.com		<i>[Signature]</i> 8/13/11 Luis R. Lomas P.E. Florida No. 02514
SERIES V-600/V-630 WHITE PVC SINGLE AND INTEGRAL MULLED OS CASEMENT WINDOWS - LMI CROSS SECTIONS, CORNER AND GLAZING DETAILS				
DRAWN: TJH SCALE NTS	DWG NO. 08-01122 DATE 10/20/10	REV A SHEET 4 OF 9		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE CO. LETTER DATED 1/25/2011	02/14/11	R.L.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE CO. LETTER DATED 1/25/2011	02/14/11	R.L.



VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION
OPERABLE SHOWN, FIXED SIMILAR



HORIZONTAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION
OPERABLE SHOWN, FIXED SIMILAR

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0130.25
Expiration Date NOV 12, 2016
By Mmanuel Perez
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 05/12/2011
NOAH 10-1223.03
Miami Dade Product Control
By [Signature]

WinDoor
INCORPORATED

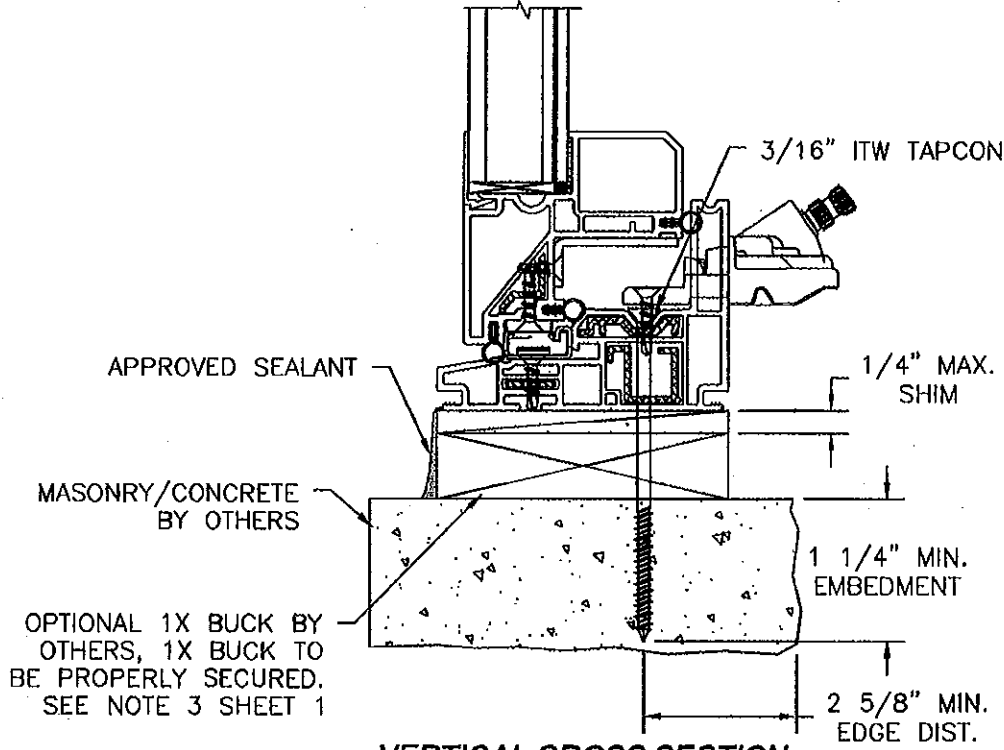
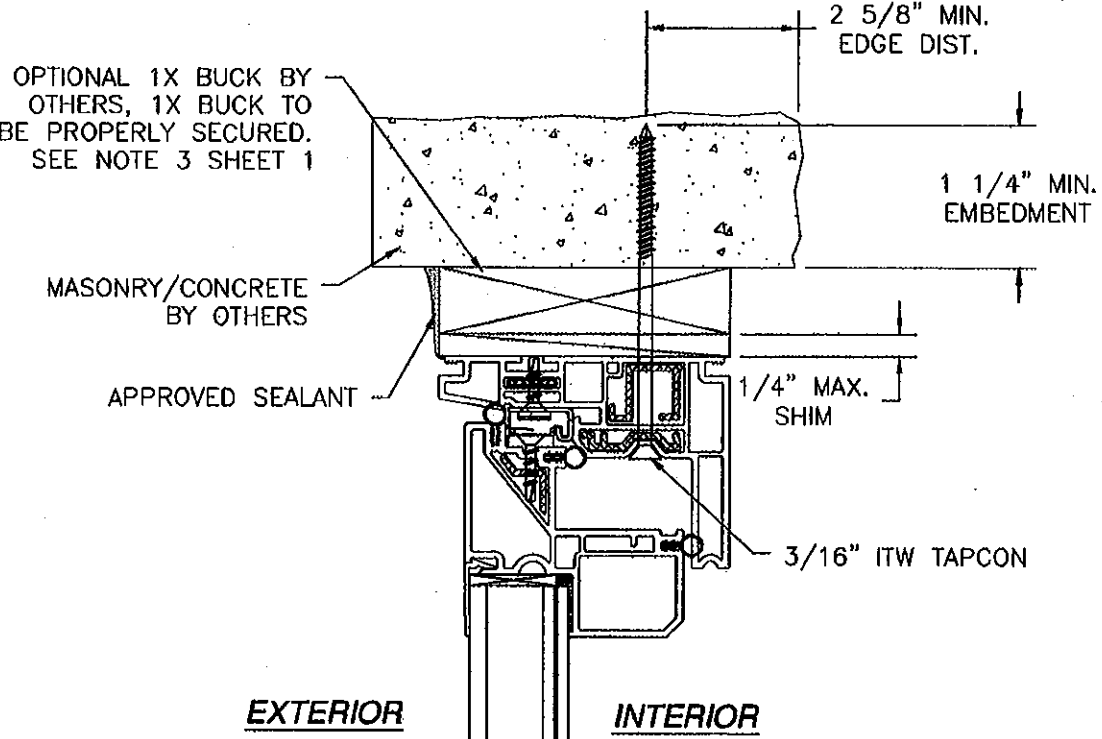
7500 AMSTERDAM DRIVE
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Phone: 407.481.8400
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www.windoorinc.com

SERIES V-600/V-630 WHITE PVC SINGLE AND
INTEGRAL MULLED OS CASEMENT WINDOWS - LMI
INSTALLATION DETAILS

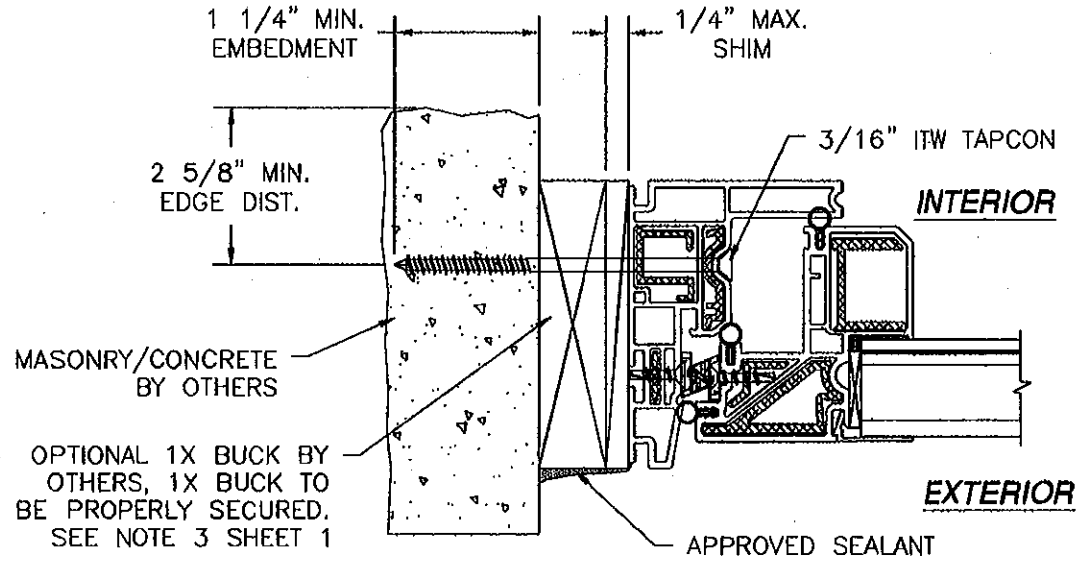
DRAWN: TJH	DWG NO. 08-01122	REV A
SCALE NTS	DATE 10/20/10	SHEET 5 OF 9

[Signature]
Luis R. Lomas P.E.
Florida No. 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE CO. LETTER DATED 1/25/2011	02/14/11	R.L.



VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION
OPERABLE SHOWN, FIXED SIMILAR

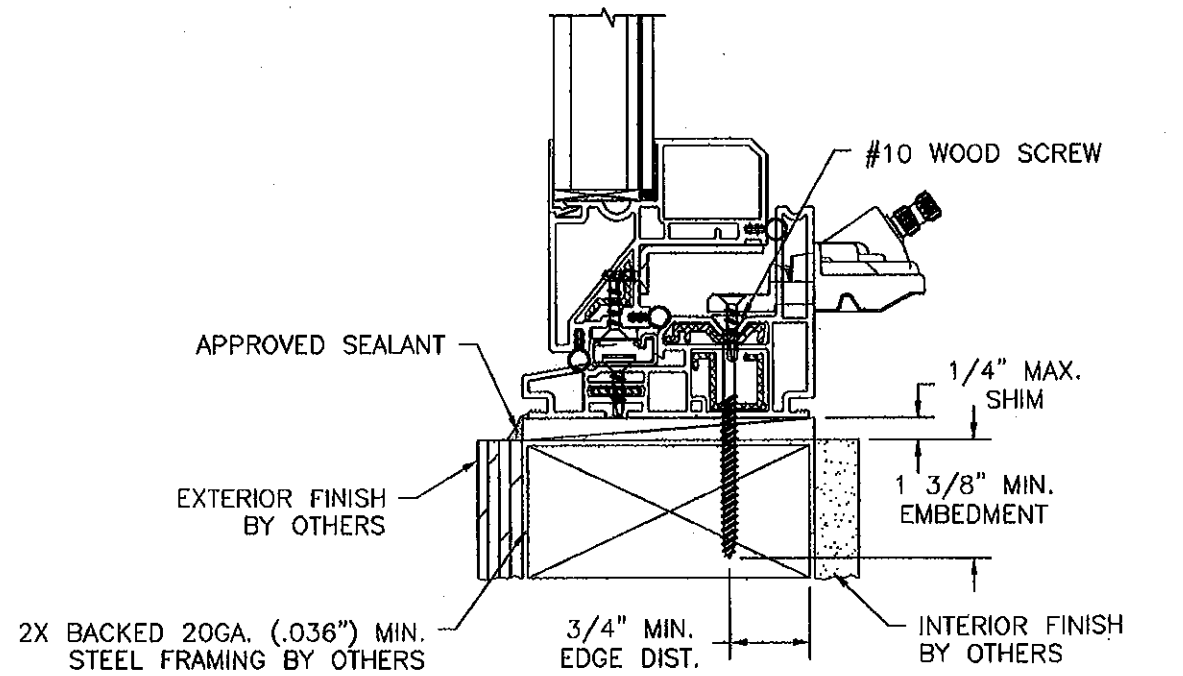
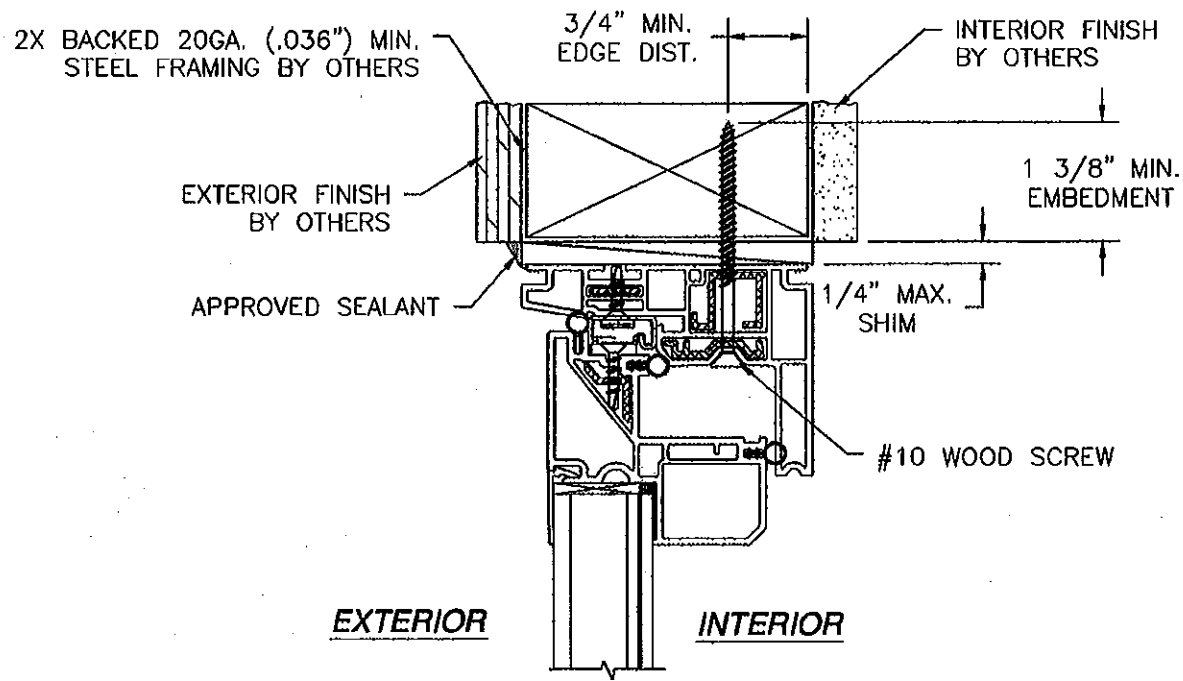


HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION
OPERABLE SHOWN, FIXED SIMILAR

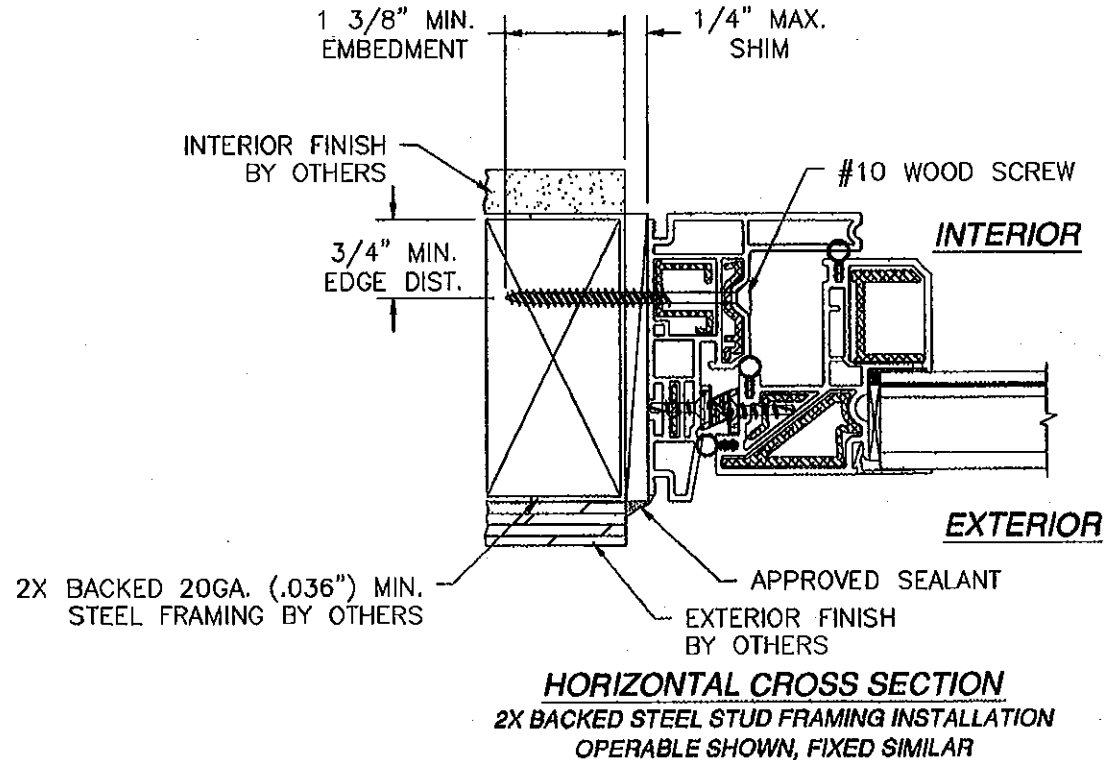
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **12-0130.25**
Expiration Date **MAY 12, 2016**
By *Mamuel Juez*
Miami Dade Product Control

<p>Approved as complying with the Florida Building Code</p> <p>Date 05/12/2011</p> <p>NOA# 16-1223.03</p> <p>Miami Dade Product Control</p> <p>By <i>[Signature]</i></p>	<p>WinDoor INCORPORATED</p> <p>7500 AMSTERDAM DRIVE ORLANDO, FL 32832</p> <p>Phone 407.481.8400 Fax 407.481.0505 www.windoorinc.com</p>		<p><i>[Signature]</i></p> <p>Luis R. Lomas P.E. Florida No. 62514</p>	
	<p>SERIES V-600/V-630 WHITE PVC SINGLE AND INTEGRAL MULLED OS CASEMENT WINDOWS - LMI INSTALLATION DETAILS</p>			
	<p>DRAWN: TJH</p>	<p>DWG NO. 08-01122</p>		<p>REV A</p>
	<p>SCALE NTS</p>	<p>DATE 10/20/10</p>		<p>SHEET 6 OF 9</p>

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE CO. LETTER DATED 1/25/2011	02/14/11	R.L.



VERTICAL CROSS SECTION
2X BACKED STEEL STUD FRAMING INSTALLATION
OPERABLE SHOWN, FIXED SIMILAR



HORIZONTAL CROSS SECTION
2X BACKED STEEL STUD FRAMING INSTALLATION
OPERABLE SHOWN, FIXED SIMILAR

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0130.25
Expiration Date MAY 12, 2016
By *Mmanuel Perez*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date *08/12/2011*
NOA# *18-12-3.03*
Miami Dade Product Control
By *[Signature]*

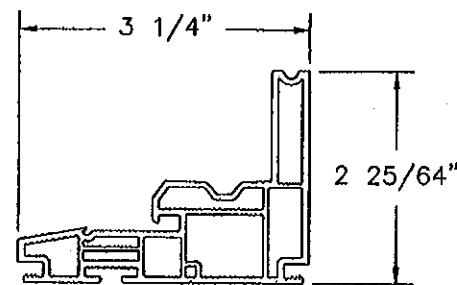
WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
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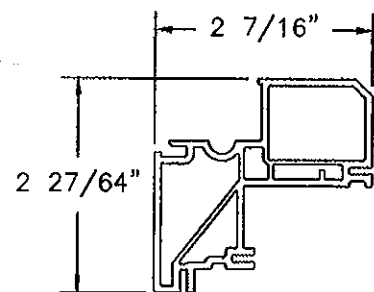
SERIES V-600/V-630 WHITE PVC SINGLE AND
INTEGRAL MULLED OS CASEMENT WINDOWS - LMI
INSTALLATION DETAILS

DRAWN: TJH	OWG NO. 08-01122	REV A
SCALE NTS	DATE 10/20/10	SHEET 7 OF 9

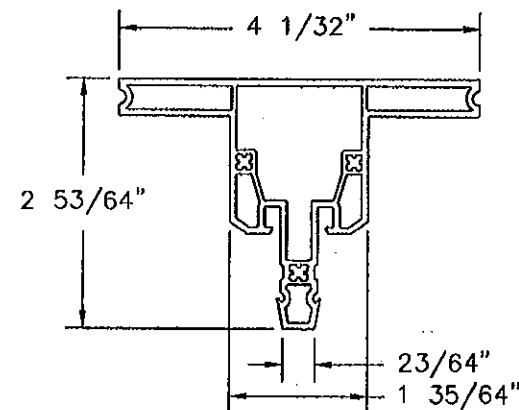
[Signature]
Luis R. Lomas P.E.
Florida No. 62514



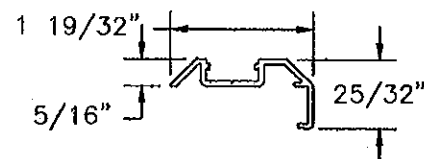
① **FRAME, HEAD, SILL AND JAMB**
EXTRUDED RIGID WHITE PVC .071" THICK



② **PANEL FRAME, STILE AND RAIL**
EXTRUDED RIGID WHITE PVC .075" THICK



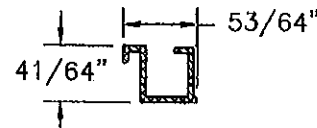
④ **T-MULL**
EXTRUDED RIGID WHITE PVC .078" THICK



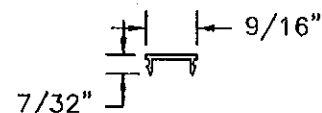
②⑧ **FIXED VENT ATTACHMENT
SCREW COVER**
EXTRUDED RIGID WHITE PVC .080" THICK



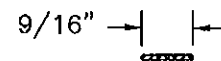
③ **FRAME UPPER SCREW RECEIVER**
EXTRUDED ALUMINUM 6063-T6 .075" THICK



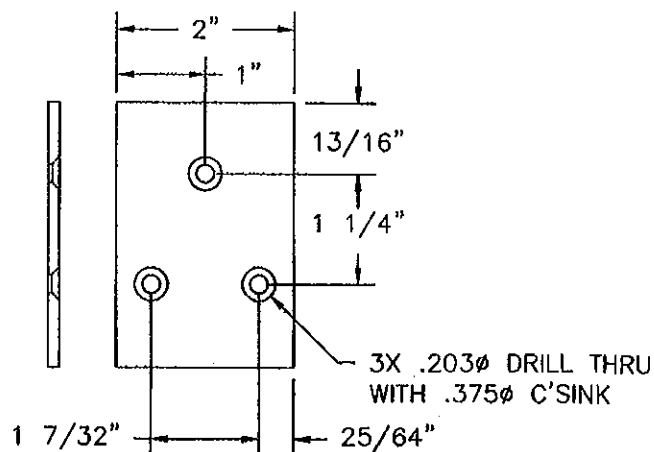
④ **FRAME LOWER SCREW RECEIVER**
EXTRUDED ALUMINUM 6063-T6 .065" THICK



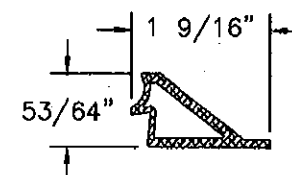
②⑨ **FIXED VENT SCREW
COVER CAP**
EXTRUDED RIGID WHITE PVC .050" THICK



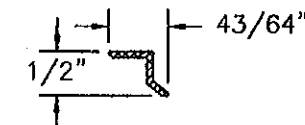
⑤ **FRAME SCREW BACKER**
EXTRUDED ALUMINUM 6063-T6 .058" THICK



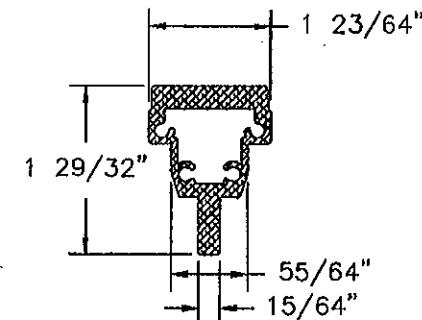
②① **1/8" PLATE**
EXTRUDED ALUMINUM 6063-T6 .125" THICK



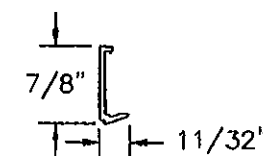
⑧ **VENT EXTERIOR REBAR**
EXTRUDED ALUMINUM 6063-T6 .102" THICK



⑥ **TRACK AND SNUBBER
SCREW RECEIVER**
EXTRUDED ALUMINUM 6063-T6 .070" THICK

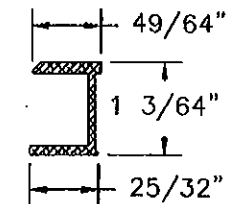


②⑤ **T-MULLION REINFORCEMENT**
EXTRUDED ALUMINUM 6063-T6 .25" THICK

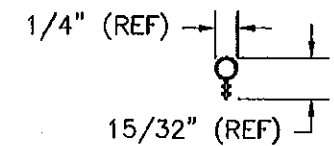


①① **1 1/8" GLAZING BEAD**
EXTRUDED RIGID WHITE PVC .039" THICK

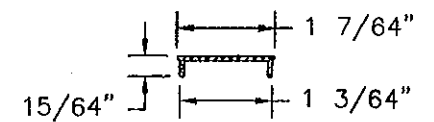
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **12-0130.25**
Expiration Date **12/15/2016**
By *Maurice Perez*
Miami Dade Product Control



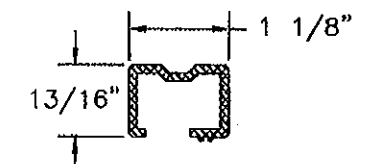
⑦ **VENT INTERIOR SCREW
RECEIVER AND REBAR**
EXTRUDED ALUMINUM 6063-T6 .075" THICK



①⑤ **KERF APTUS
VENT BULB SEAL**
PLASTIC



③⑦ **FIXED VENT ATTACHMENT
SCREW BACKUP**
EXTRUDED ALUMINUM 6063-T6 .050" THICK



②⑥ **FIXED LITE SPACER
AND SCREW RECEIVER**
EXTRUDED ALUMINUM 6063-T6 .090" THICK

Approved as complying with the
Florida Building Code
Date **05/12/2011**
NOA# **16-1223-03**
Miami Dade Product Control
By *[Signature]*

WinDoor
INCORPORATED

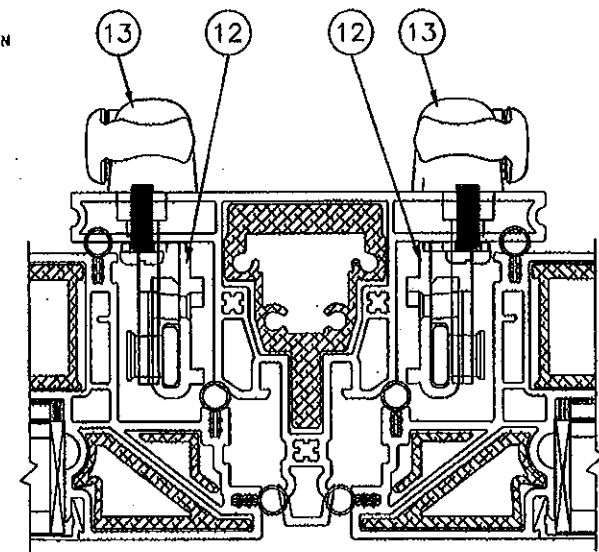
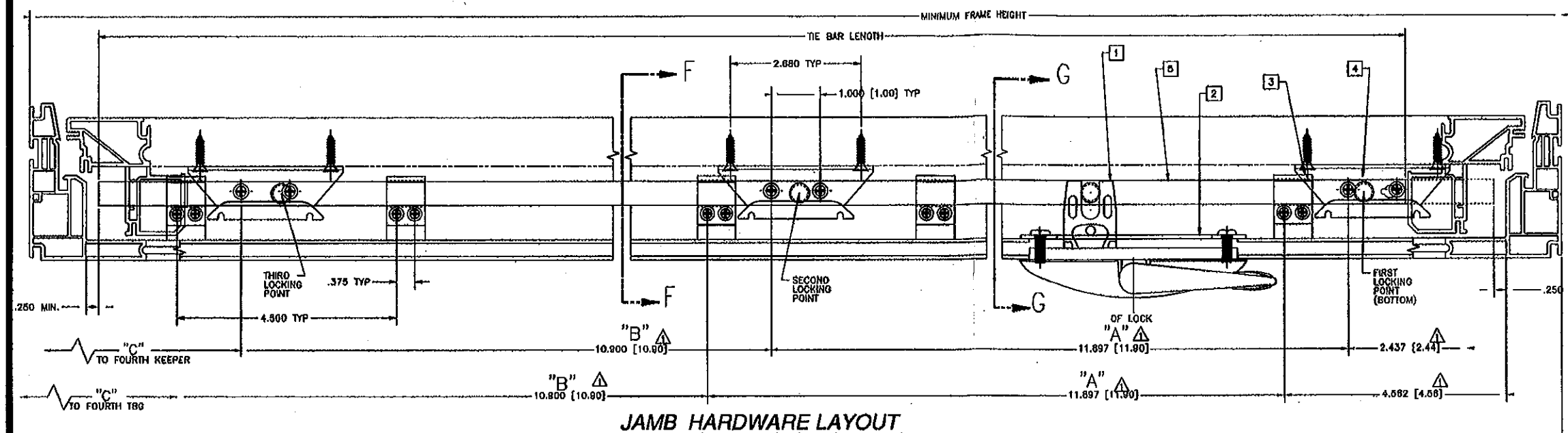
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
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SERIES V-600/V-630 WHITE PVC SINGLE AND
INTEGRAL MULLED OS CASEMENT WINDOWS — LMI
COMPONENTS

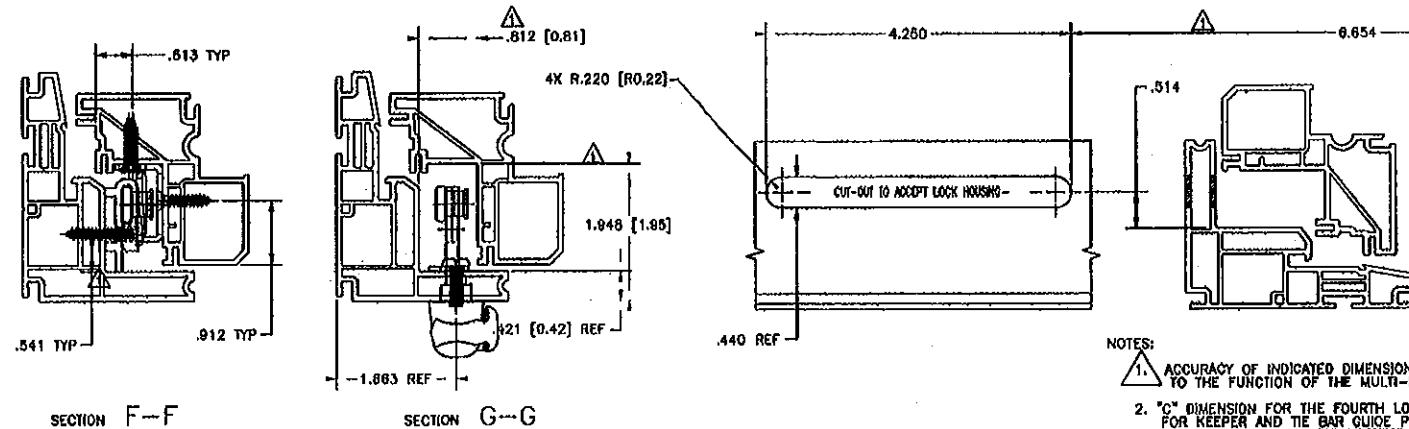
DRAWN: TJH DWG NO. 08-01122 REV A
SCALE NTS DATE 10/20/10 SHEET 8 OF 9

[Signature]
3/8/11
Luis R. Lomas P.E.
Florida No. 162514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE CO. LETTER DATED 1/25/2011	02/14/11	R.L.



76.52"	13098.92	8 PT.	70.9	13.69	14.13	13.00	13.00	13.00
76.52"	12927.92	4 PT.		23.90	22.90	20.00		
71.52"	13097.92	5 PT.	66.9	16.90	15.90	18.80	16.13	
71.52"	12926.92	4 PT.		21.90	20.90	20.00		
67.52"	13096.92	5 PT.	62.9	11.90	10.90	14.90	16.00	
67.52"	12925.92	4 PT.		19.90	18.90	20.00		
	13095.92	3 PT.		17.89	17.08	19.76		
63.52"	11922.92	3 PT.	58.9	27.90	26.90			
	11912.92	2 PT.		54.80				
	13094.92	3 PT.		15.89	16.08	18.76		
59.52"	11921.92	3 PT.	54.9	25.90	24.90			
	11911.92	2 PT.		60.80				
	13093.92	4 PT.		13.89	16.08	16.75		
55.52"	11920.92	3 PT.	50.9	23.90	22.90			
	11910.92	2 PT.		46.80				
	11919.92	3 PT.	46.9	21.90	20.90			
	11809.92	2 PT.		42.80				
47.52"	11918.92	3 PT.	42.9	19.90	18.90			
	11808.92	2 PT.		38.80				
	11917.92	3 PT.	38.9	17.90	16.90			
43.52"	11907.92	2 PT.		34.80				
	11916.92	3 PT.	34.9	15.90	14.90			
	11806.92	2 PT.		30.80				
	11915.92	3 PT.	30.9	13.90	12.90			
35.52"	11905.92	2 PT.		26.80				
	11914.92	3 PT.	26.9	11.90	10.90			
	11904.92	2 PT.		22.80				
27.52"	11903.92	2 PT.	22.9	18.80				
23.52"	11902.92	2 PT.	18.9	14.80				
19.52"	11901.92	2 PT.	14.9	10.80				
MINIMUM FRAME WIDTH	PART NO.	# OF LOCK POINTS	TIE BAR LENGTH	"A" DIM	"B" DIM	"C" DIM	"D" DIM	"E" DIM
INTERLOCK ROLLER TIE BAR ASSEMBLY								



- NOTES:
1. ACCURACY OF INDICATED DIMENSIONS IS CRITICAL TO THE FUNCTION OF THE MULTI-POINT LOCK.
 2. "C" DIMENSION FOR THE FOURTH LOCKING POINT, FOR KEEPER AND TIE BAR GUIDE PLACEMENT, DIMENSION "C" ORIGINATES AT THE THIRD LOCKING POINT.
 3. "A" AND "B" DIMENSIONS ARE CONFIGURED TO GIVE SEQUENTIAL AND PROGRESSIVE LOCKING OF 1/2" TOTAL, STARTING WITH THE FIRST (BOTTOM) LOCKING POINT, WITH A PROGRESSION OF 1/4" FROM THE FIRST LOCKING POINT TO THE SECOND LOCKING POINT AND A 1/4" FROM THE SECOND LOCKING POINT TO THE THIRD LOCKING POINT. THE FOURTH LOCKING POINT MOVES IN TANDEM WITH THE THIRD LOCKING POINT.
 4. TIE BAR TRAVEL IS 1.62"
 5. ALL DIMENSIONS ARE AFTER WELD.
 6. MOUNTING SCREWS FOR ALL HARDWARE SHOULD PASS THROUGH TWO PVC WALLS OR A SINGLE WALL WITH AN INTERIOR METAL INSERT.
 7. SEE TRUTH HARDWARE CATALOG FOR FURTHER INFO ON APPLICATION OF ALL COMPONENTS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0130.25
Expiration Date MAY 12, 2016
By *Manuel Perez*
Miami Dade Product Control

-	19225	8	9	12	SCREW 8X3/4 PH FH SMS S5410 (KEEPER)
-	19230.92	4	6	8	SCREW 8X1 PH PH SMS YZP (180)
-	19298.92	2	2	2	SCREW 10-24X9/16 F PH PH MS YZ(LOCK)
5	SEE CHART	1	1	1	TIE BAR ASSEMBLY
4	32832.00.0500	2	3	4	KEEPER, NON-HANDED SST
3	33263.00.0001	2	3	4	TIE BAR GUIDE
2	21600.92	1	1	1	SUPPORT PLATE
1	24.33.XX.004	1	1	1	LOCK ASSEMBLY
ITEM	PART NO.	2 PT.	3 PT.	4 PT.	DESCRIPTION
		QTY			

Approved as complying with the
Florida Building Code
Date 05/12/2011
NOA# 10-1223.03
Miami Dade Product Control
By *Manuel Perez*

WinDoor

INCORPORATED

7500 AMSTERDAM DRIVE

ORLANDO, FL 32832

Phone: 407.481.8400

Fax: 407.481.0505

www.windoorinc.com

SERIES V-600/V-630 WHITE PVC SINGLE AND INTEGRAL MULLED OS CASEMENT WINDOWS - LMI HARDWARE LAYOUT

DRAWN: TJH

DWG NO. 08-01122

REV: A

SCALE NTS

DATE 10/20/10

SHEET 9 OF 9

Manuel Perez

3/8/11

6/2/11

6/2/11

Eulso R. Lomas P.E.

Florida No. 62514